

Abstract

Printable Film and Coating Composition Exhibiting Stain Resistance

5 The present invention relates to articles having a printed surface as well as flexible
coating and film compositions that are printable in combination with exhibiting stain
resistance. The composition comprises a hard component having an elongation of less
than about 150%, a soft component having an elongation of greater than about 200%, and
a cross-linking agent. The hard component preferably comprises a hydroxy functional
10 thermoplastic polyurethane, hydroxy functional acrylic polymer, polymeric polyol or
mixture thereof. The soft component preferably comprises a hydroxy functional
thermoplastic urethane, polymeric polyol, or mixture thereof; whereas the cross-linking
agent is preferably an isocyanate.

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